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BY

C. LE NEVE FOSTER, D. Sc., AND W. GALLOWAY

H. M. INSPECTORS OF MINES

Volume of Plates.

7x-8-6

IN THREE VOLUMES

VOL. I.

55425

ATLAS OF PLATES

LONDON
DULAU & C°
37, SOHO SQUARE

PARIS
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49, QUAI DES AUGUSTINS, 49

1876

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Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

Fig. 6.

Fig. 7.

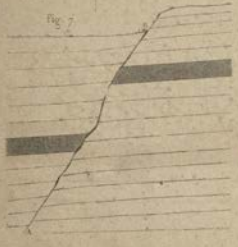

Fig. 8.

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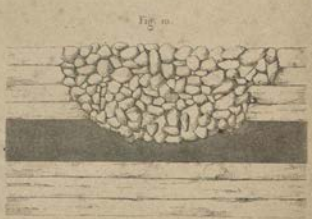


Fig. 11.

Fig. 12.

Fig. 13.

Fig. 11bis.

Fig. 15.

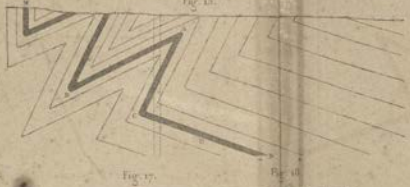


Fig. 19.

Fig. 15.

Fig. 16.

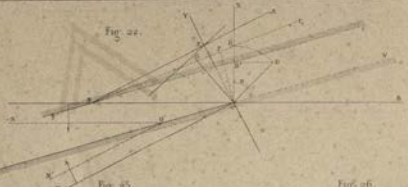
Fig. 17.

Fig. 18.

Fig. 20.

Fig. 21.

Fig. 24.



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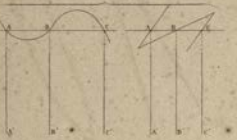

Fig. 26.

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Fig. 28.

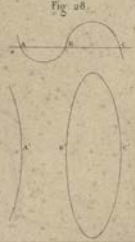

Fig. 23.

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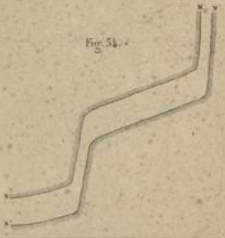
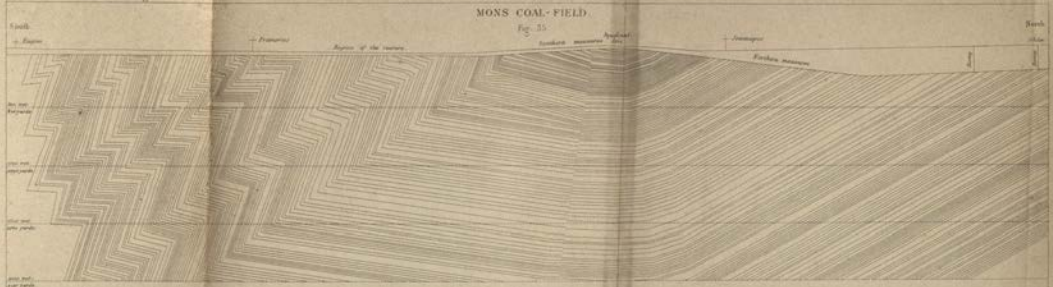


MONS COAL-FIELD.

Fig. 35.



LIÈGE COAL-FIELD.

Fig. 36.

STRATIFIED DEPOSITS.

NEWCASTLE COAL-FIELD.

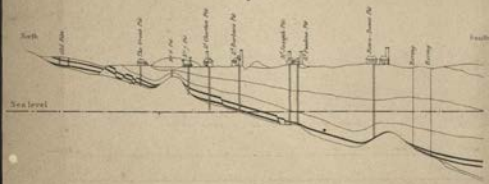
Fig. 37.

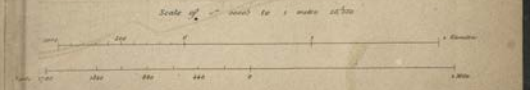
GRAND' COMBE COAL-FIELD.

Fig. 38.

RONCHAMPS COAL-FIELD.

Fig. 39.





METALLIFEROUS VEINS AT PRZIBRAM

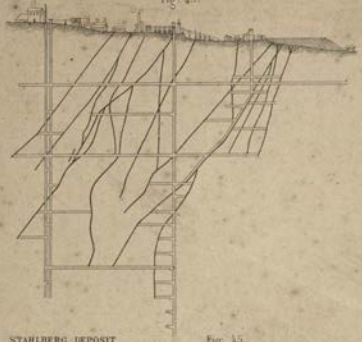
Fig. 10.
Vertical section through Adalbert Shaft.

Fig. 11.
General plan.

Metalliferous veins (Lodes)
Grey gneiss
Mica schist
Clay slate
Greywacke
Granite
Greenstone
Porphyry
METALLIFEROUS VEINS AT FREIBERG
Fig. 12.
Neuer Johannes
Beschert
Neuer Morgenstern
Neuer Abraham
Abraham
Lorenzen
Lorenzen
FREIBERG
Gotthelf
Neuer Morgenstern
Morgenstern
Neuer Segen
Segen
Scale of 1 inch to a mile 126,720
Miles
Kilometres

POWEY CONSOLS MINE. Vertical section.

Fig. 43.



STAHLBERG DEPOSIT Fig. 45.

MONTCHANIN DEPOSIT

Fig. 44

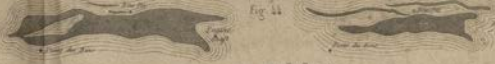


Fig. 46.

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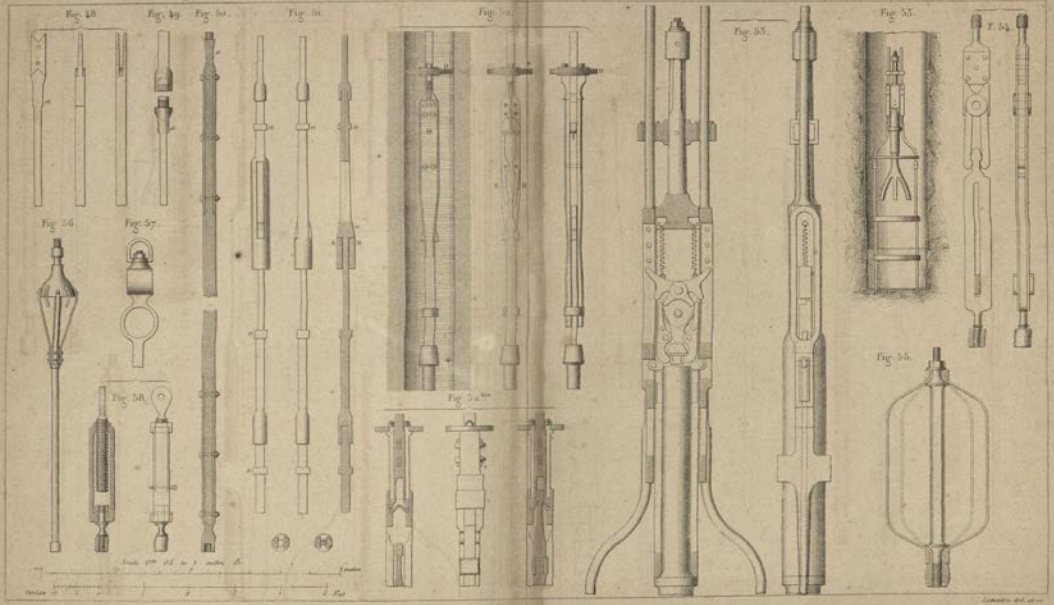
Fig. 48.
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Fig. 59.

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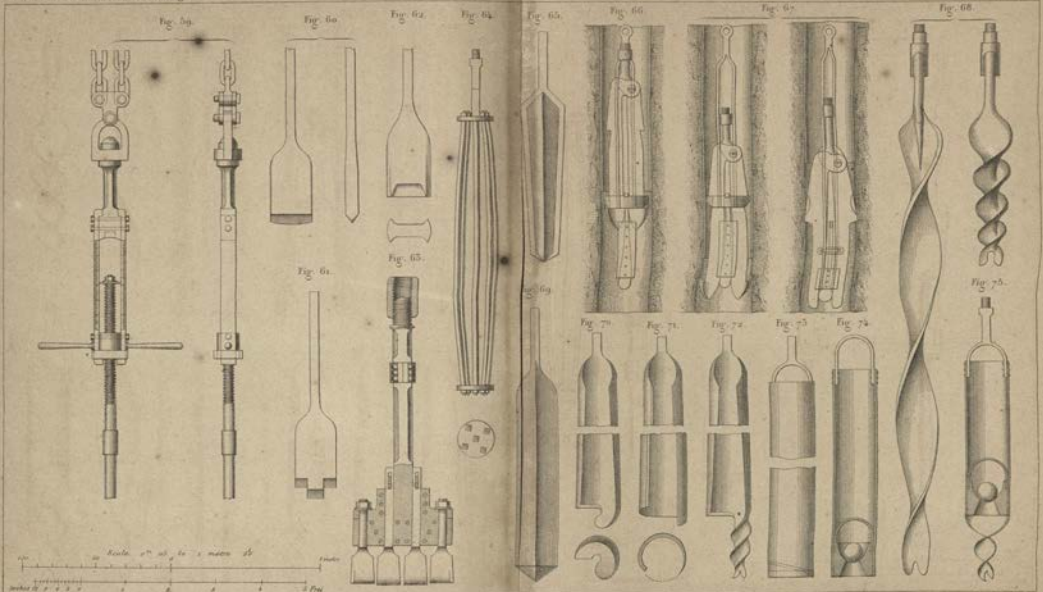
Fig. 59.
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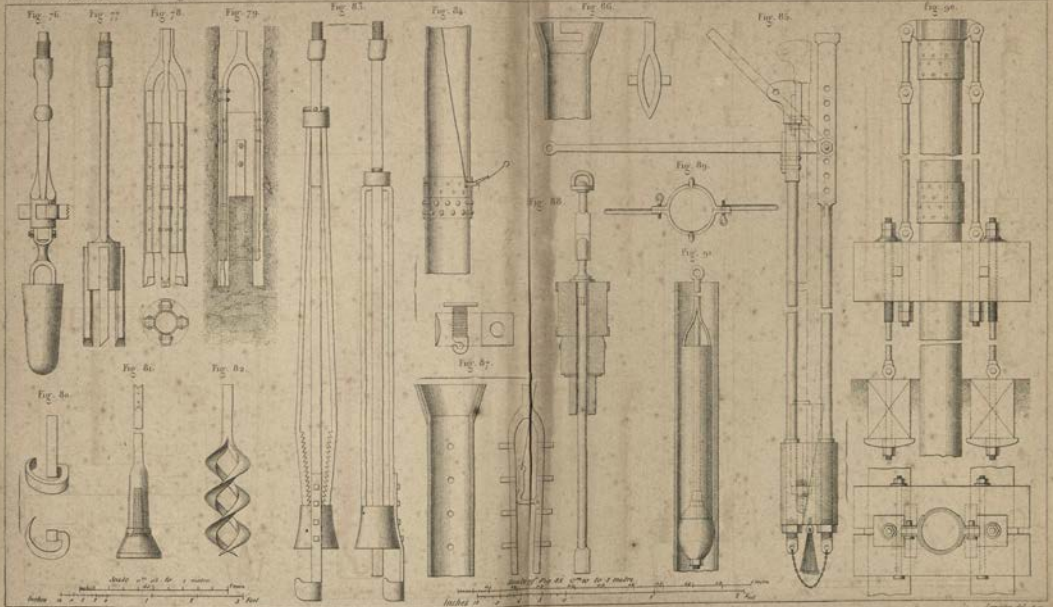
Fig. 76.
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Fig. 90.
Fig. 91.

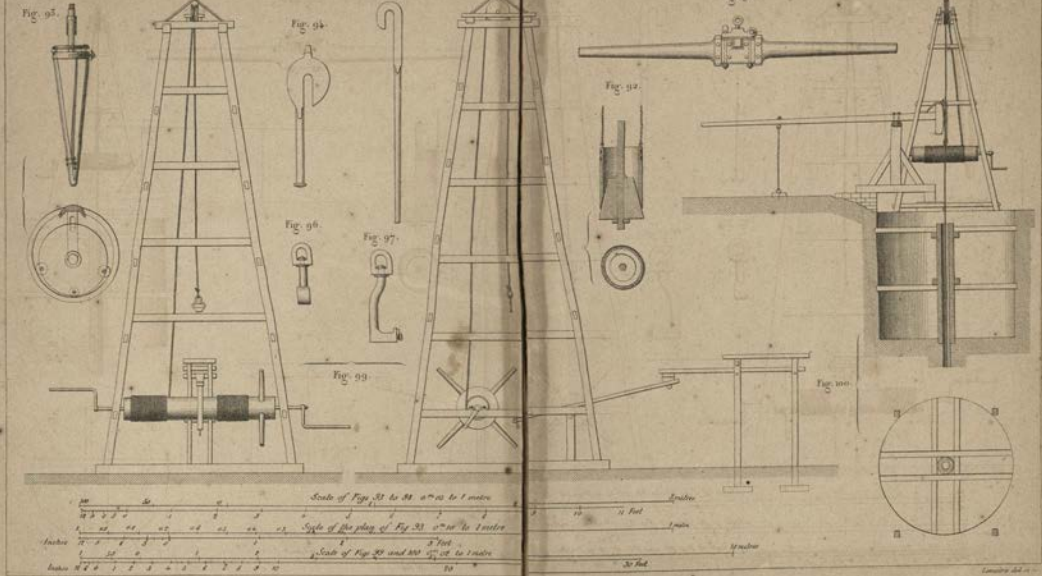
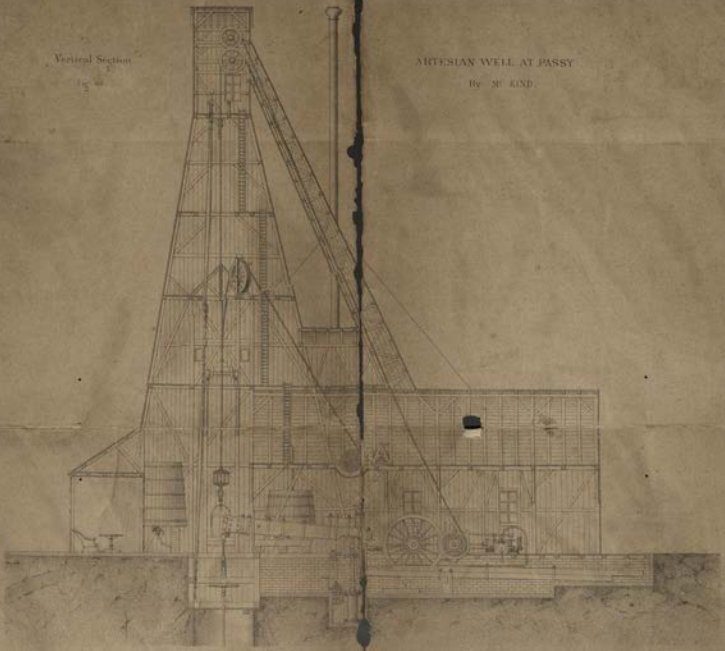


Fig. 95.
Fig. 94.
Fig. 93.
Fig. 96.
Fig. 97.
Fig. 98.
Fig. 92.
Fig. 99.
Fig. 100.
Scale of Figs 91 to 98 0m 10 to 1 metre
Scale of the play of Fig 93 0m 10 to 1 metre
Scale of Figs 99 and 100 1/10 to 1 metre
Inches
3 Feet
1 metre
10 Feet

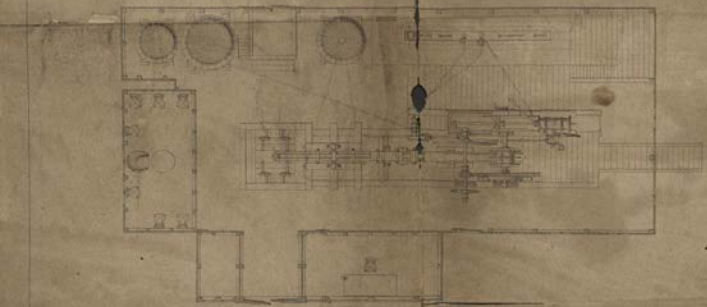
Vertical Section

MYESIAN WELL AT PASSY

By M^r KIND



Plan

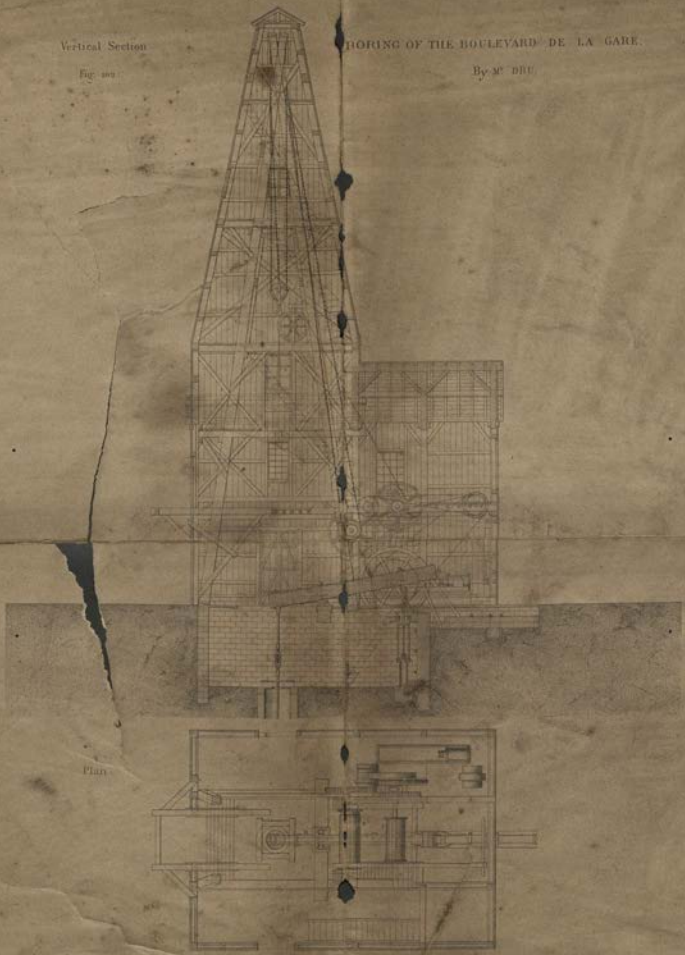


Vertical Section

Fig. 100

BORING OF THE BOULEVARD DE LA GARE.

By M^r BRU



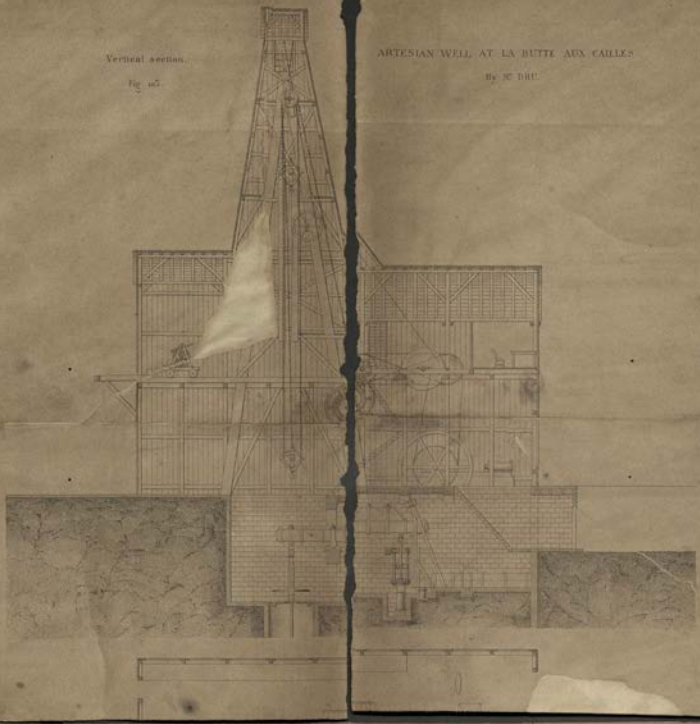
Plan

Vertical section.

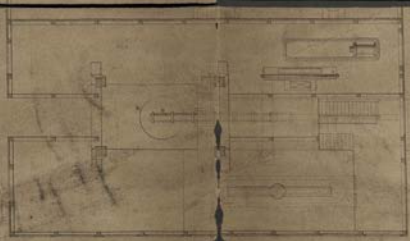
Fig. 1.

ARTESIAN WELL AT LA BUTTE AUX CAILLES

By M. DRU.



Plan

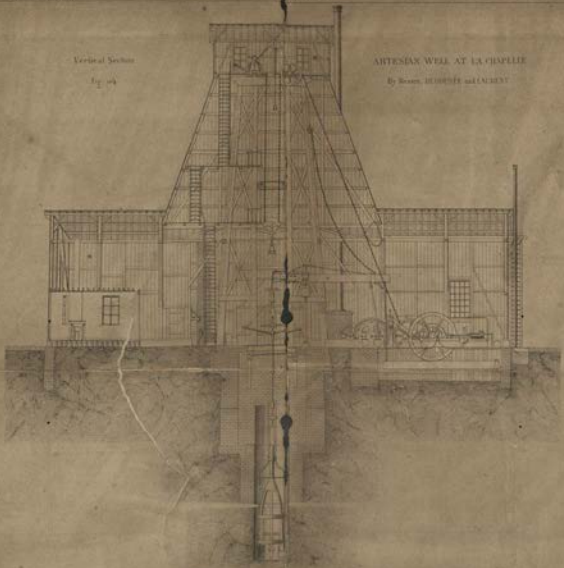


Vertical Section

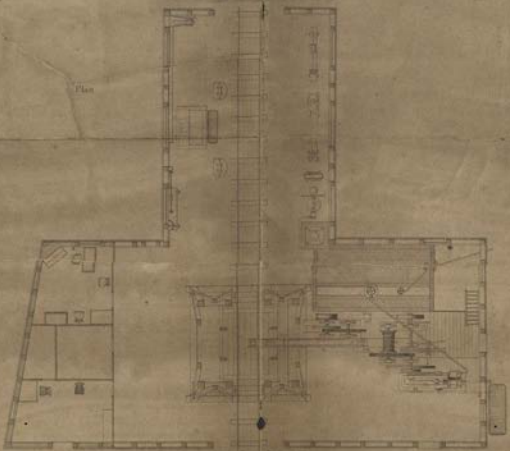
Fig. 1.

ARTESIAN WELL AT LA CHAPELLE

By Messrs. HUBNER and LAURENT



Plan



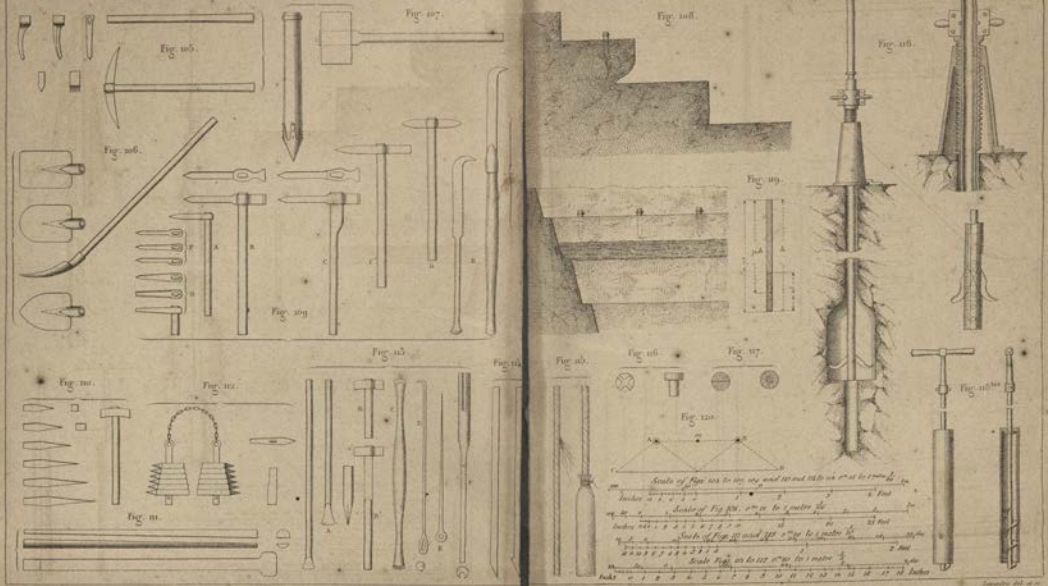


Fig. 105.
Fig. 106.
Fig. 107.
Fig. 109.
Fig. 108.
Fig. 110.
Fig. 111.
Fig. 112.
Fig. 113.
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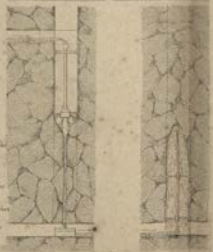
Fig. 120.

Fig. 121.

Fig. 122.

Fig. 124.



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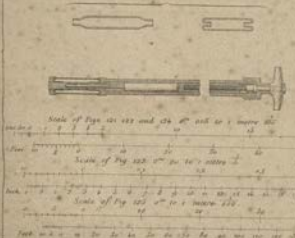

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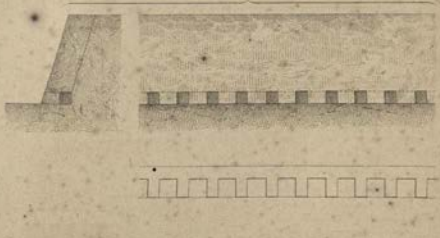
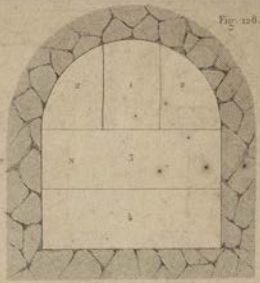


Fig. 126.

Fig. 127.



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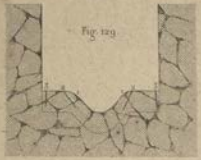

Fig. 129.

Fig. 131.

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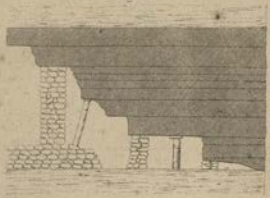
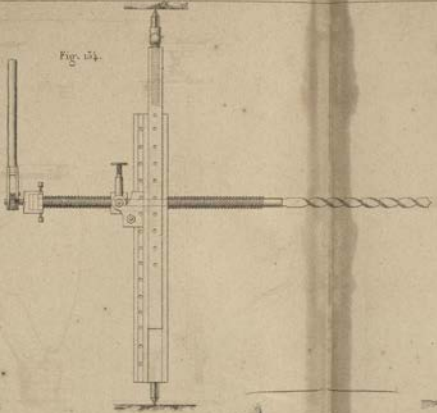
Fig. 132.

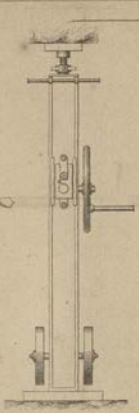


MACHINES EMPLOYED IN BREAKING GROUND. LISBET'S, LESCROTS & GAY'S MACHINES.

Fig. 153.

Fig. 154.





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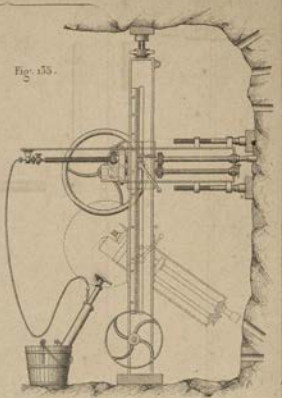

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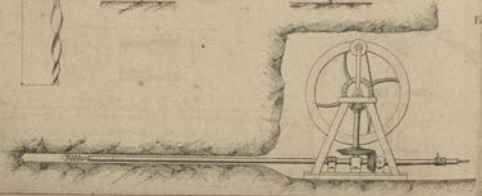

Fig. 155.

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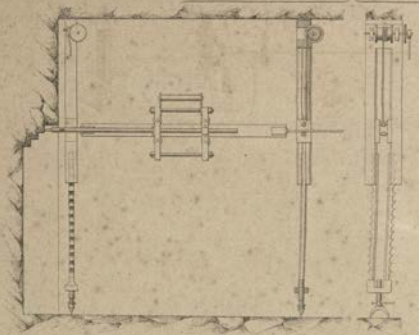
Fig. 137.



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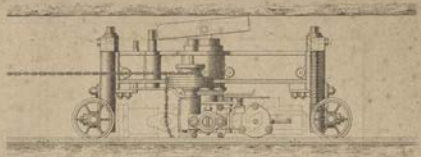
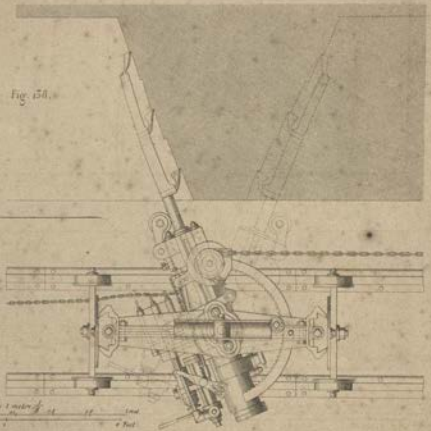
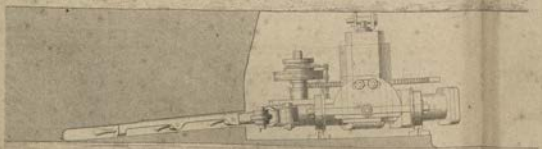


Fig. 137.

Fig. 138.a





Scale of Figs 137 and 138 $\frac{1}{100}$ or 1 metre to 1 inch

Scale of the details of Fig 137 $\frac{1}{25}$ or 1 metre to 1 inch

Fig. 139.

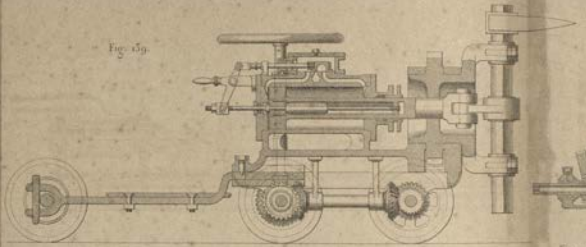


Fig. 140.

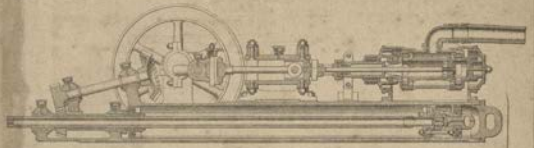


Fig. 141.

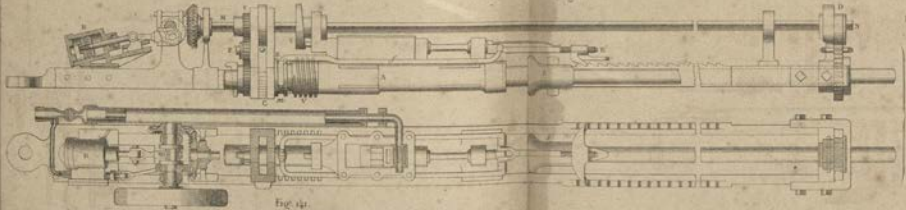
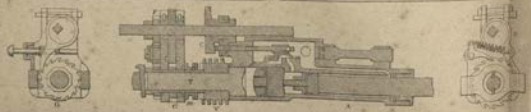
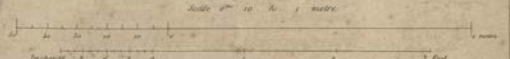


Fig. 140.

Fig. 141.





MACHINES EMPLOYED IN BREAKING GROUND. STAND FOR SOMMEILLER'S MACHINES.

Fig. 142.

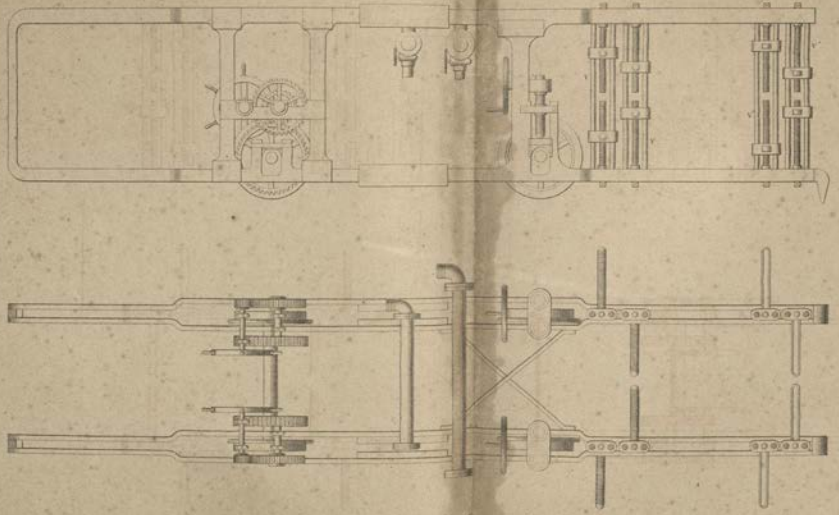
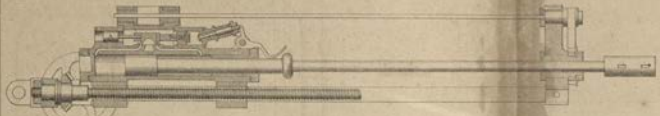
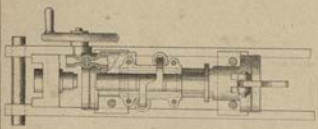
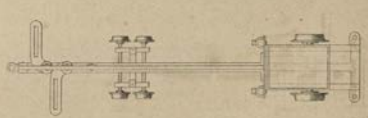


Fig. 143.

Fig. 44.







Scale of the Perforator 0m 10 to 1 metre
Inches
Feet
Scale of the Stand 0m 10 to 1 metre
Inches
Feet

Fig. 145.

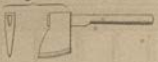


Fig. 146.

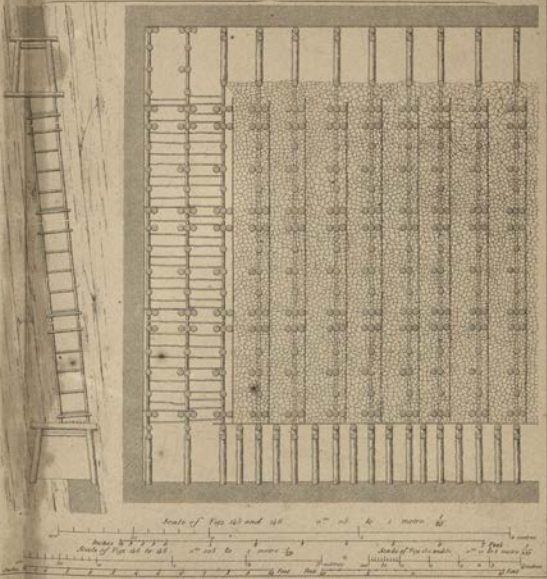
Fig. 147.

Fig. 148.

Fig. 149.

Fig. 150.

Fig. 151.



Scale of Figs. 147 and 148 m.m. ml. to 1 metre.

Scale of Figs. 146 to 148 m.m. inch. to 1 metre. Scale of Fig. 151 width m.m. to 1 metre.

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Fig. 152.

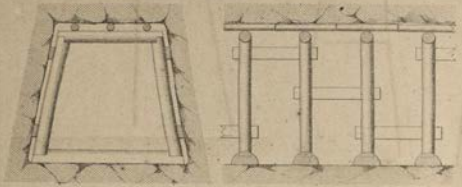


Fig. 153.

Fig. 154.

Fig. 155.

Fig. 156.

Fig. 157.

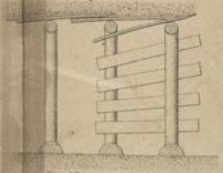


Fig. 158.

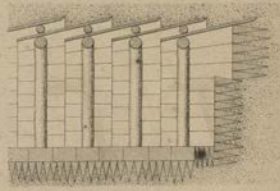
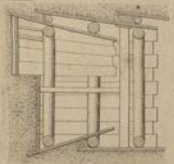
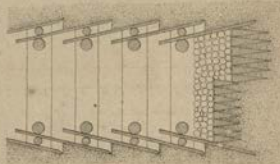


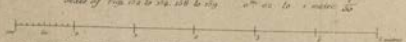
Fig. 159.

Fig. 160.





Scale of Figs. 152 to 154. 156 to 159. 0m.01 to 1 metre. 1/20



Scale of Fig. 155. 0m.10 to 1 metre. 1/8

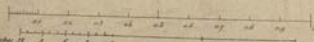


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Fig. 160.

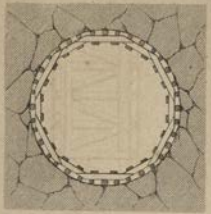


Fig. 161.

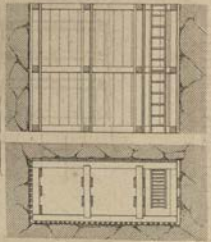


Fig. 162.

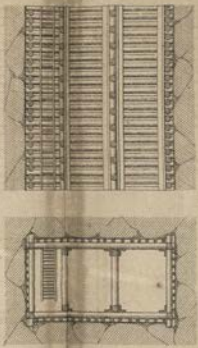


Fig. 164.

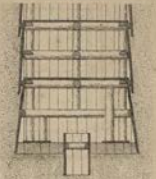


Fig. 165.

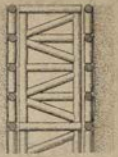


Fig. 160.

Fig. 163.

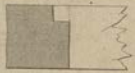


Fig. 166.

Fig. 167.

Fig. 168.

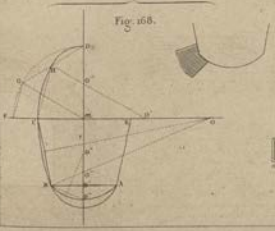


Fig. 169.

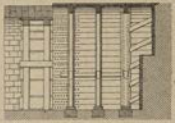


Fig. 169.

WALLING EXCAVATIONS UNDERGROUND.

Fig. 170.

Fig. 171.

Fig. 172.

Fig. 173.

Fig. 174.

Fig. 175.

Fig. 176.

Fig. 177.

Fig. 178.

Fig. 179.

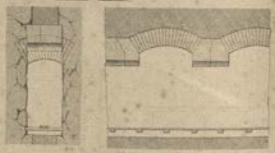


Fig. 180.

Fig. 181.

Fig. 182.

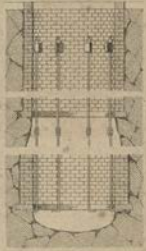


Fig. 183.

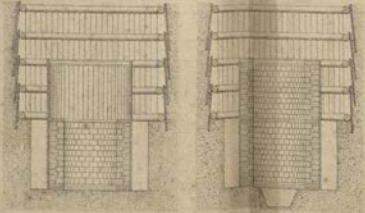


Fig. 184.

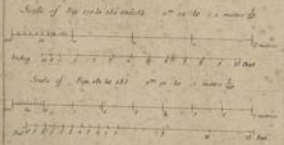


Fig. 185.

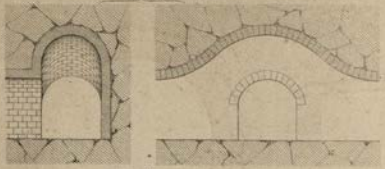


Fig. 186.

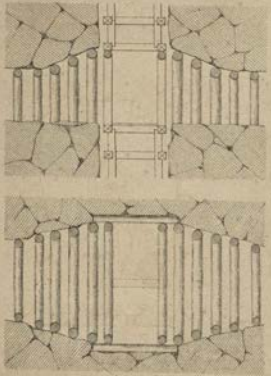


Fig. 187.

Fig. 188.

Fig. 189.

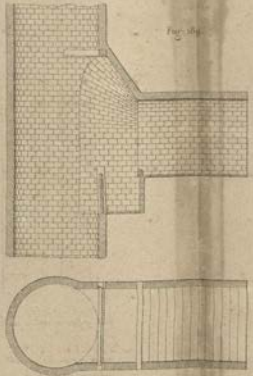


Fig. 190.

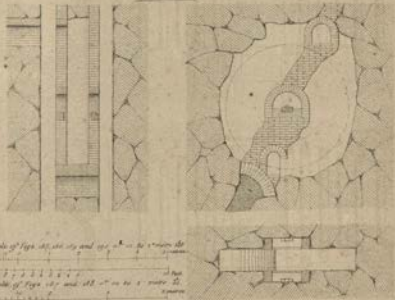


Fig. 191.

Fig. 192.

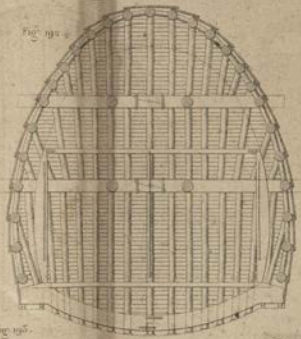
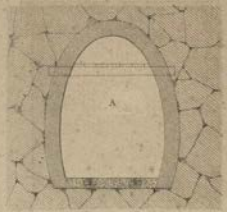


Fig. 193.



Scale of 25 to a metre.

Fig. 194.

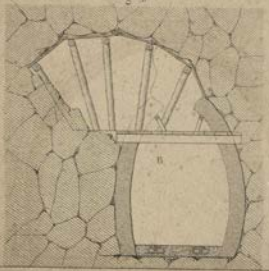


Fig. 195.

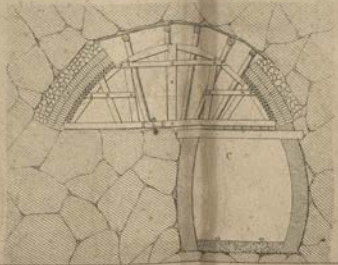
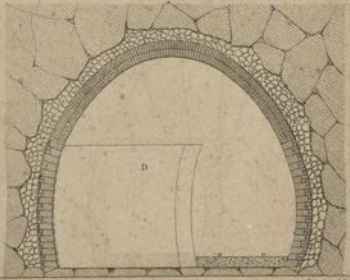


Fig. 196.



ORDINARY TUBBING – TRIGER'S PROCESS — GUIBAL'S PROCESS

Fig. 193.

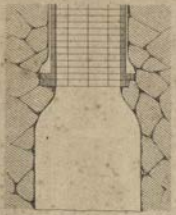


Fig. 193.

Fig. 195.

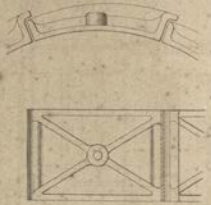


Fig. 194.

Fig. 196.

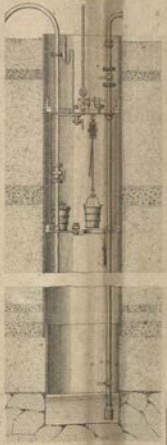


Fig. 197.

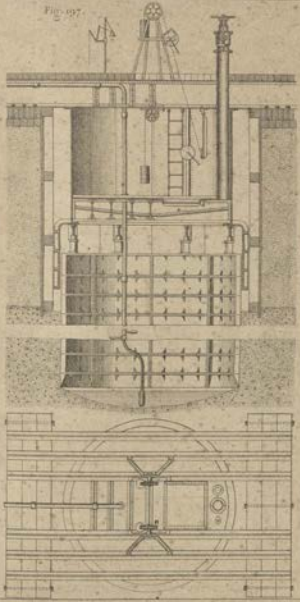
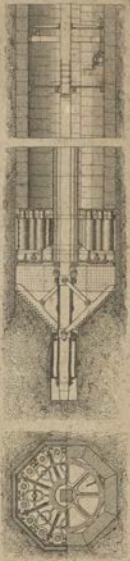
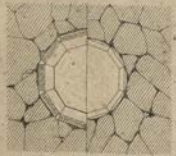


Fig. 198.





Scale of Fig 193 and 194 1 inch = 1 metre 3 1/2 feet

Scale of Fig 195 double, and 196 1 inch = 1 metre 3 1/2 feet

Scale of Fig 197 1 inch = 1 metre 3 1/2 feet

Scale of Fig 198 1 inch = 1 metre 3 1/2 feet

GUIBAL'S PROCESS (CONTINUED) — KIND AND CHAUDRON'S PROCESS.

Fig. 199

Fig. 201

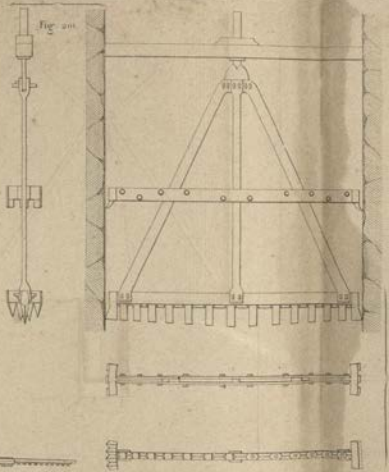


Fig. 202

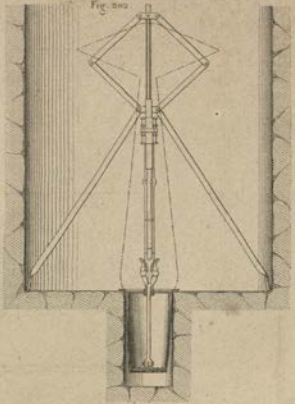


Fig. 203.

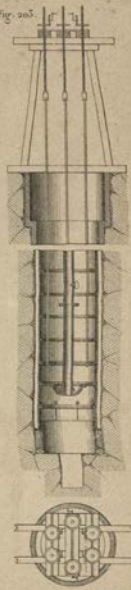
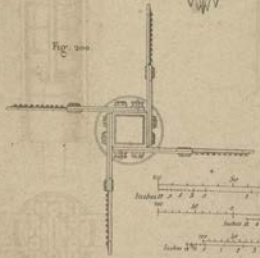


Fig. 200



Scale of Fig. 199 0m 03 to 1 metre
Scale of Fig. 202 0m 026 to 1 metre
Scale of Figs. 201 and 203 0m 02 to 1 metre
Scale of Fig. 200 0m 004 to 1 metre

Fig. 204

Fig. 205

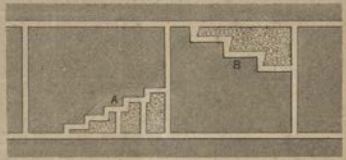


Fig. 206

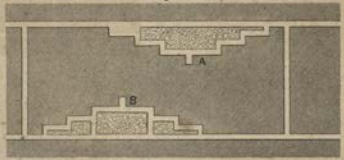


Fig. 207

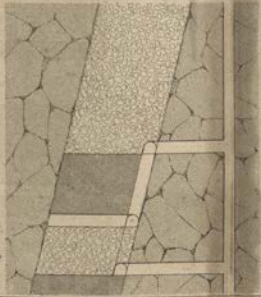


Fig. 208

Scale of Figs 204 to 206 1/200 or 1 metre 1866

Scale of Figs 207 and 208 1/100 or 1 metre

Fig. 209.

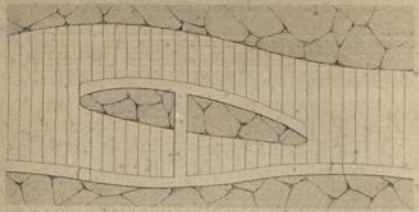


Fig. 210.

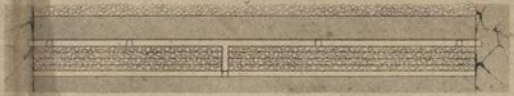


Fig. 211.

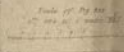
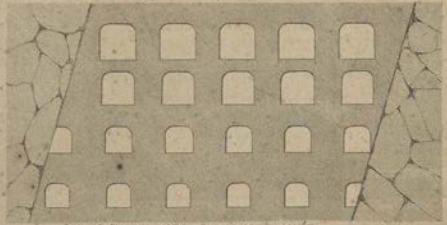
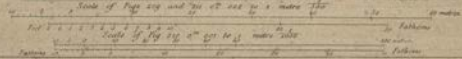


Fig. 212.





METHODS OF WORKING THIN SEAMS OF COAL.

Scale: 0m 005 to 1 metre 0m 0

Fig. 214.

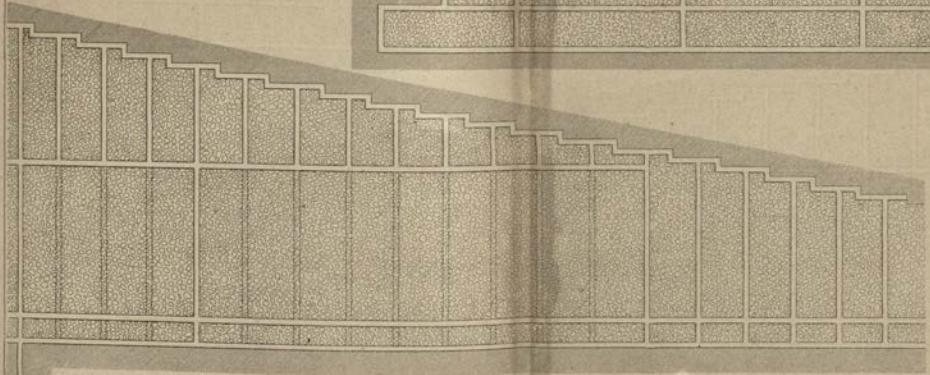


Fig. 215.

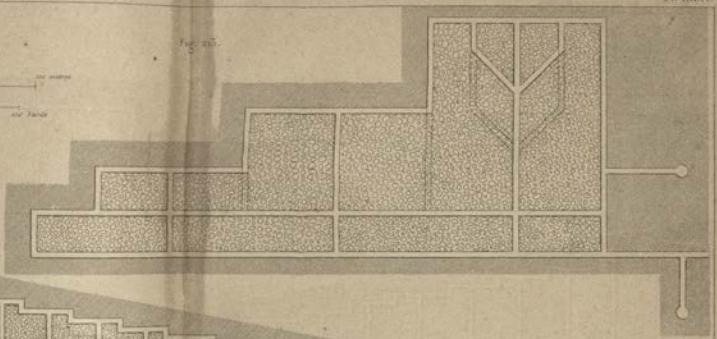


Fig. 215.

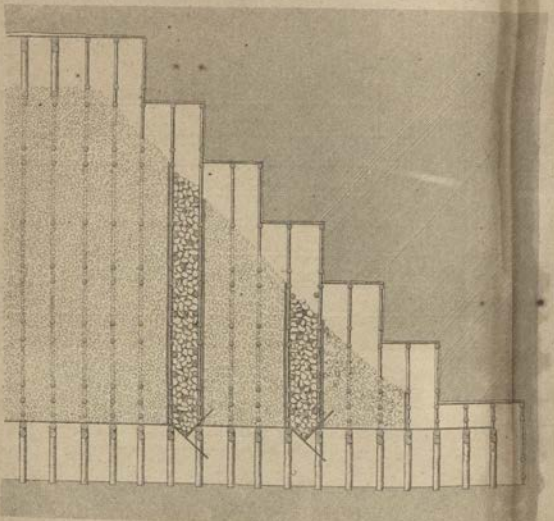
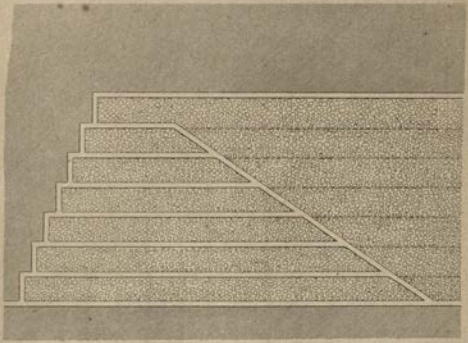
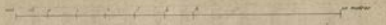


Fig. 216.



Scale of Fig 215 0.m 05 to 1 metre 100



Scale of Fig 216 0.m 0005 to 1 metre 2000

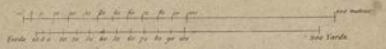
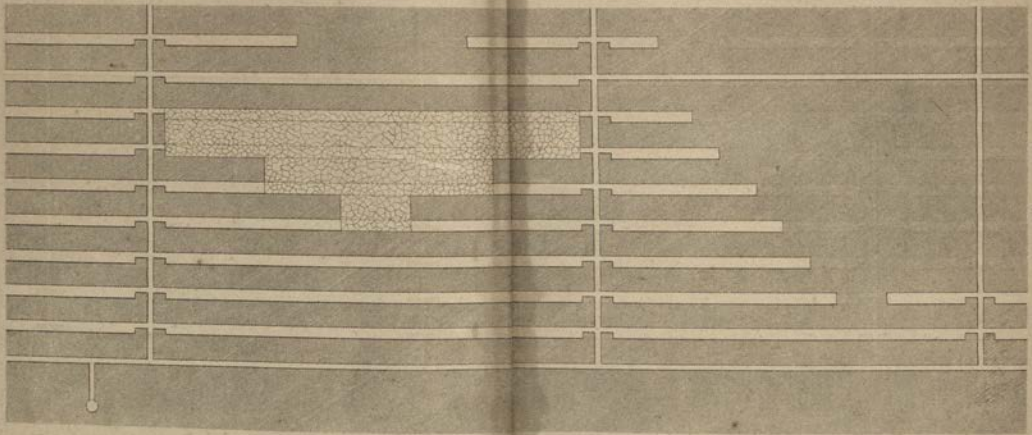


Fig. 47.



00055425

Fig. 218.

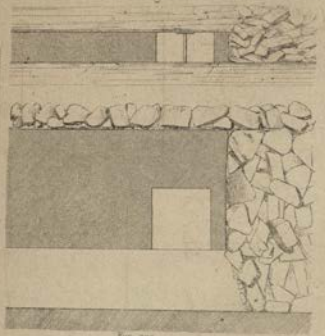


Fig. 219.

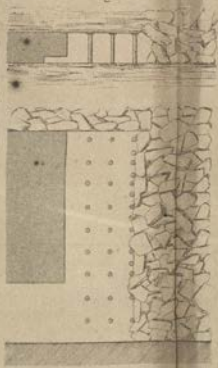


Fig. 220.

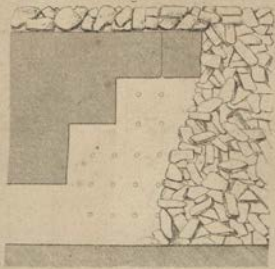


Fig. 223.

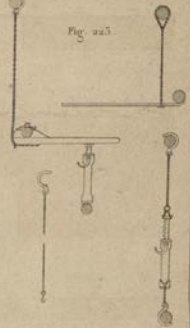


Fig. 221.

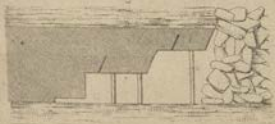


Fig. 222.

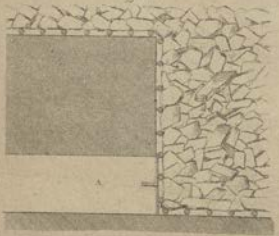


Fig. 224.

Scale of Figs 218 and 221. 10 Inches to 1 Inch.
Feet 1 0 1 2 3 4 5 6 7 8 9 10 11 12 Yards
Scale of Fig. 223. 5 Inches to 1 Inch.
Inches 1 2 3 4 5 6 7 8 9 10 11 12 Feet

Fig. 225.

Fig. 226.

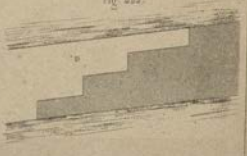


Fig. 224.

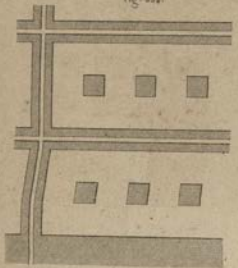


Fig. 225.

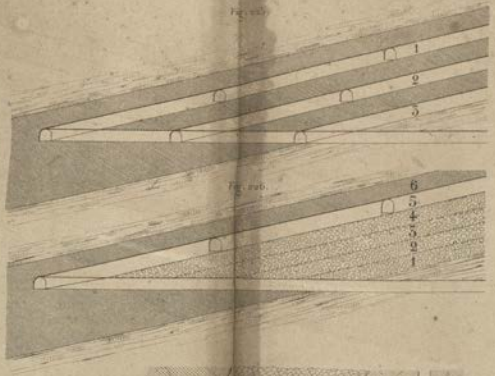


Fig. 227.

Fig. 228.

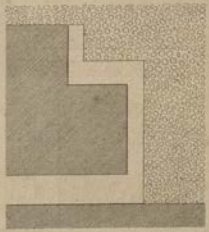
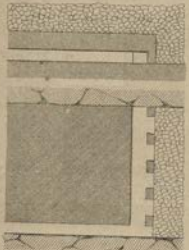


Fig. 229.



Scale of Fig. 224 & 225 in 1 metre 1/200

Scale of Figs. 226, 227, and 228 in 1 metre 1/100

Scale of Figs. 229 and 230 in 1 metre 1/200

Fig. 250.

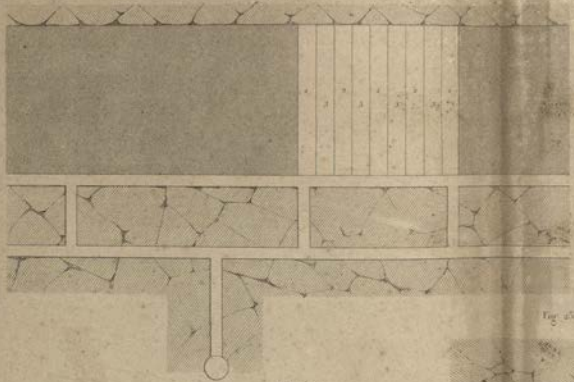


Fig. 251.

Fig. 252.

Fig. 253.

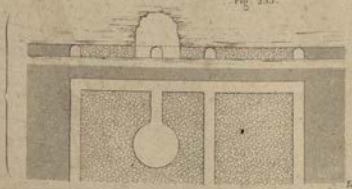


Fig. 254.

Fig. 255

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